(5) The set must be operated for 30 minutes preliminarily before adjustment if there is no specific designation.

['Heat Run' must be performed with the full white signal or TV noise signal in the internal part of the set.
[The time for 'Heat Run' can be changed owing to production plan.

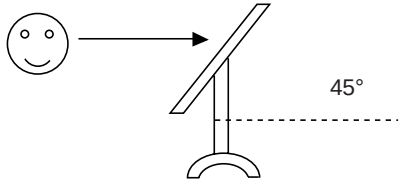
3. PC Input Mode Adjustment

3-1. Required Test Equipment

(1) A pattern generator being in proportion to VG819 ; Pattern of 64 tones
(2) A remote control

3-2. Preparation for Adjustment

(1) Perform 'Heat Run' for more than 30 minutes in white pattern.
(2) Connect the signal of pattern generator with LCD TV.
(3) Lean the set 45° backward. (Adjustment is easy.)



(4) Set the PC mode menu as below.

	Contrast	Brightness
Initial Value	70	100

3-3. White Adjustment

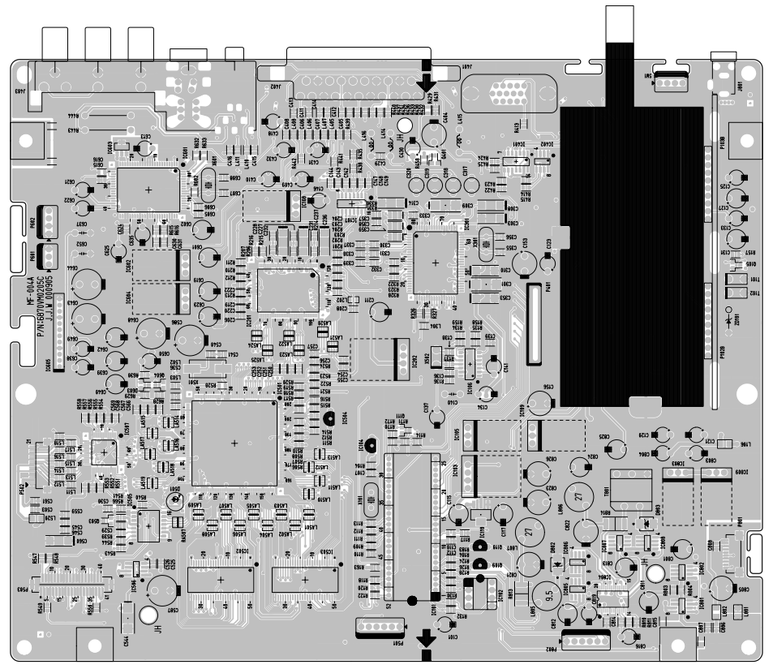
(1) Approve the signal of 64 tones of XGA(1024 * 768).
(2) Select all the gain of R, B and G with using ADJ of remote control.
(3) After making 62 tones, 63 tones and 64 tones not distinguished with using each signal of R, G and B, finish adjusting at the moment when the signal 62, 63 and 64 is distinguished.

/Clk[MHz]	25.175	30.24	31.5	31.5	36.0	28.324	36.0	40.0	50.0
V_Total	525	525	520	500	509	449	625	628	666
V_Display	480	480	496	480	480	400	600	600	600
V_Blanking	45	45	24	20	29	49	25	28	66
V_Sync	2	3	3	3	3	2	2	4	6
V Polarity	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	POS
V_Bp	33	39	20	16	25	34	22	23	23
V_Fp	10	3	1	1	1	13	1	1	37

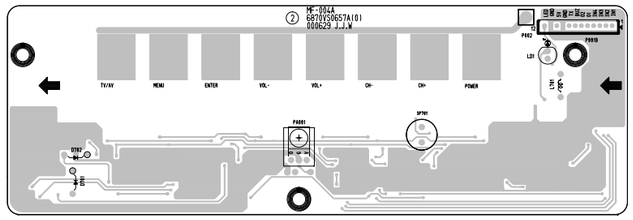
Mode	SVGA-75	SVGA-85	XGA-60	XGA-70	XGA-75	MAC-75
H_Total	1056	1048	1344	1328	1312	1152
H_Display	800	800	1024	1024	1024	832
H_Blanking	256	248	320	304	288	320
H_Sync	80	64	136	136	96	64
H Polarity	POS	POS	NEG	NEG	POS	NEG
H_Bp	160	152	136	144	176	224
H_Fp	16	32	160	24	16	32
H-Freq[KHz]	46.875	53.674	48.363	56.476	60.23	49.725
/Clk[MHz]	49.5	56.25	65.0	75.0	78.75	57.283
V_Total	625	631	806	806	800	667
V_Display	600	600	768	768	768	624
V_Blanking	25	31	38	38	32	43
V_Sync	3	3	6	6	3	3
V Polarity	POS	POS	NEG	NEG	POS	NWG
V_Bp	21	27	29	29	28	39
V_Fp	1	1	3	3	1	1

PRINTED CIRCUIT BOARD

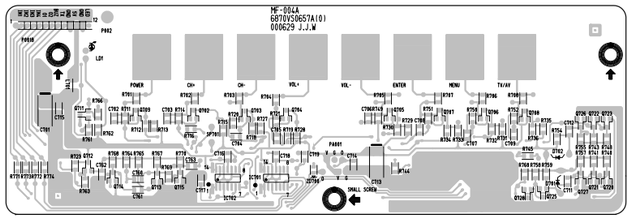
MAIN(TOP)



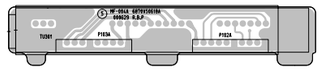
CTL(TOP)



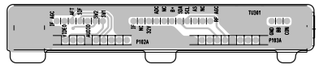
CTL(BOTTOM)



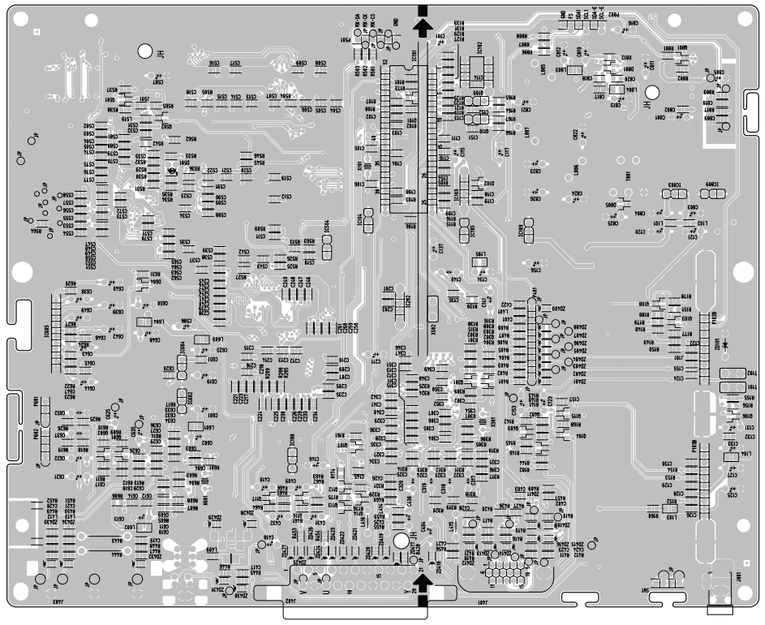
TUNER(TOP)



TUNER(BOTTOM)

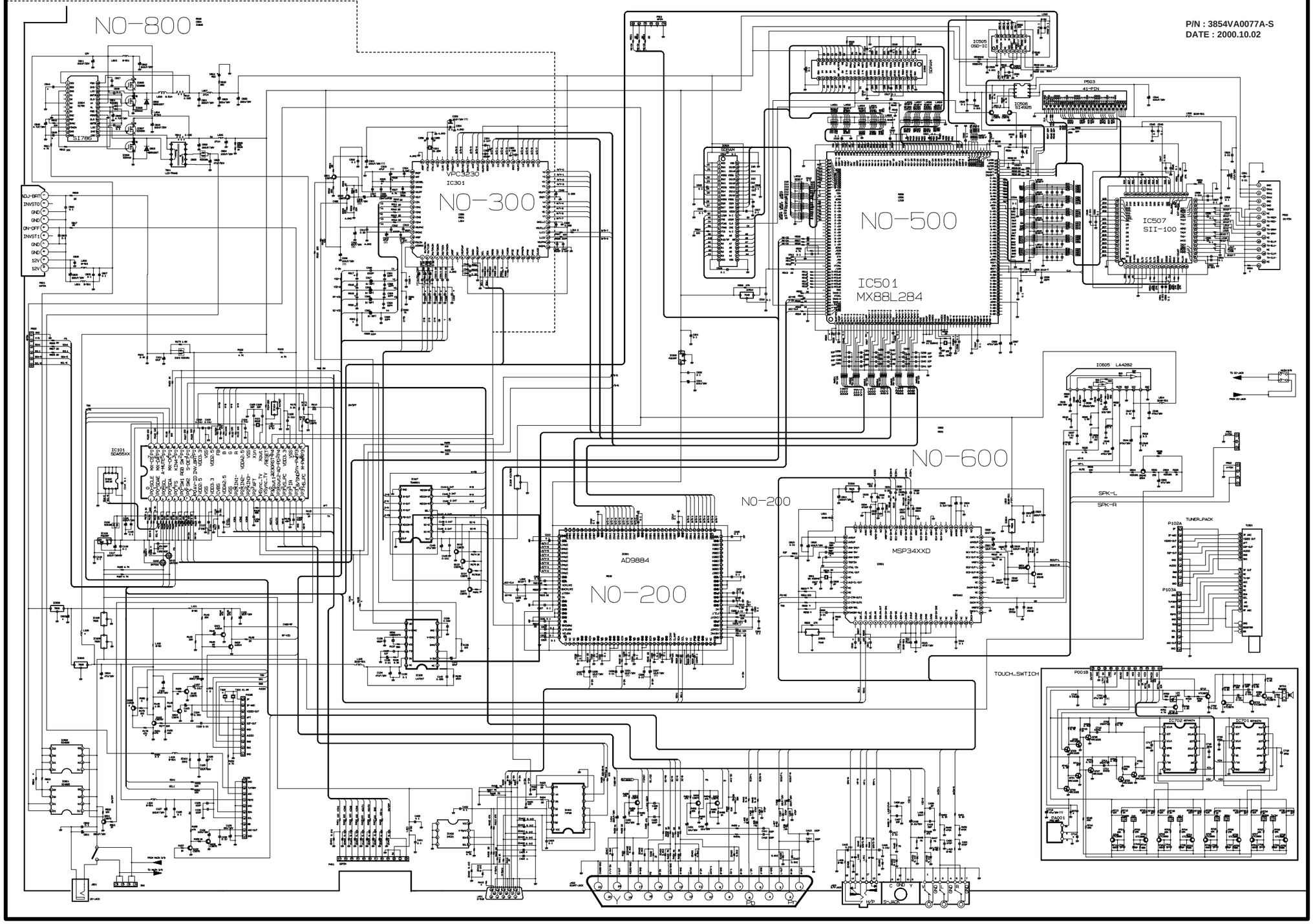


MAIN(BOTTOM)



Service Sheet of MF-004A

P/N : 3854VA0077A-S
DATE : 2000.10.02



REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
IC		
IC102	0IAL241610B	IC,AT24C16-10PC-2.7 8PIN DIP ST E
IC103	0ISH323422A	IC,PQ3RF23 4P(TO-220) 3.3V REGUL
IC104	0IFA752700A	IC,KA75270Z 3 TP RE-SET IC MC-007
IC105	0IKE780500Q	IC,KIA7805API 3P TO-220 ST REGULA
IC106	0ISA721700C	IC,LA7217M MFP14 TP SYNC SEPARATO
IC107	0IPH860100B	IC,TDA8601T 16P-SOP BK FAST BLANK
IC108	0IKE780800J	IC,KIA7808API 3 ST REGULATOR .
IC109	0IKE780900N	IC,KIA7809AP 3 ST REGULATOR .
IC201	0IAD988400A	IC,AD9884 100P MQFP BK A/D CONVER
IC202	0ISH323422A	IC,PQ3RF23 4P(TO-220) 3.3V REGUL
IC301	0IIT323000A	IC,VPC3230D 80P PQFP BK COMB FILT
IC401	0IPH740800F	IC,74HC08D SO-14 TP QUAD 2-INPUT
IC402	0IAL242110A	IC,AT24C21-10SI-2.5 8P,SOP TP 1K
IC501	0IMR882840B	IC,MX88L284-V 208QFP BK SCALE MF0
IC502	0ISS416162B	IC,K4S161622D-TC80 50 TSOP BK SDR
IC503	0ISS416162B	IC,K4S161622D-TC80 50 TSOP BK SDR
IC505	0IMO786102A	IC,SC786102DW 16,SOIC R/TP OSD IC
IC507	0IS5100000B	IC,SIL100 64P,TQFP TP ES3.51 TRAN
IC601	0IIT341050A	IC,MSP3410D-QA-C5 80PIN TP SOUND
IC602	0IKE780500Q	IC,KIA7805API 3P TO-220 ST REGULA
IC603	0IKE704200J	IC,KIA7042AF SOT-89 TP 4.2V VOLTA
IC604	0IKE780800J	IC,KIA7808API 3 ST REGULATOR .
IC605	0ISA428200A	IC,LA4282 12S 2CHX10W AUDIO AMP
IC701	0ISG747410A	IC,M74HC74M1R 14P,SOP TP DUAL DTY
IC702	0ISG747410A	IC,M74HC74M1R 14P,SOP TP DUAL DTY
IC803	0IKE780500Q	IC,KIA7805API 3P TO-220 ST REGULA
IC804	0ITC786000A	IC,SI786 28SSOP TP DUAL-OUTPUT PO
IC809	0IKE780900N	IC,KIA7809AP 3 ST REGULATOR .
Q109	0IFA270000A	IC,2N7000TA TO-92, 3P TP LEVEL SH
Q110	0IFA270000A	IC,2N7000TA TO-92, 3P TP LEVEL SH
DIODE		
D101	0DD181009AB	DIODE,SWITCHING KDS181 85V 300MA
D102	0DD181009AB	DIODE,SWITCHING KDS181 85V 300MA
D603	0DD181009AB	DIODE,SWITCHING KDS181 85V 300MA
D604	0DD181009AB	DIODE,SWITCHING KDS181 85V 300MA
D701	0DD247109AA	DIODE,1S2471DETECT SW TP,ROHM
D702	0DD247109AA	DIODE,1S2471DETECT SW TP,ROHM
D801	0DD181009AB	DIODE,SWITCHING KDS181 85V 300MA
D802	0DR190309AA	DIODE,RECTIFIER MBRS190T3
D803	0DR190309AA	DIODE,RECTIFIER MBRS190T3
D805	0DD181009AB	DIODE,SWITCHING KDS181 85V 300MA
LD1	0DL112100AB	LED,SM3411(DL-11S2GN1)
ZD101	0DZ330009DF	DIODE,ZENER MTZJ33B TP ROHM-K
ZD401	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD402	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD403	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)

LOCA. NO	PART NO	DESCRIPTION
ZD404	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD405	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD406	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD407	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD408	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD409	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD410	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD411	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD412	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD413	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD414	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD415	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD416	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD417	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD418	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD419	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD420	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD421	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD423	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD426	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD427	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD428	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD429	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD430	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD431	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD432	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
ZD700	0DZ511109AA	DIODE,ZENER DTZ5.1BTT11(CHIP)
TRANSISTOR		
IC506	0TF492509AA	FET,SI4925DY TP TEMIC 30V 6.1A SO
IC801	0TF492509AA	FET,SI4925DY TP TEMIC 30V 6.1A SO
IC802	0TF492509AA	FET,SI4925DY TP TEMIC 30V 6.1A SO
IC805	0TF993609AA	FET,SI9936DY TP TEMIC 30V 5A SO-8
IC806	0TF941009AA	FET,SI9410DY TP TEMIC 30V 7A SO-8
IC807	0TF993609AA	FET,SI9936DY TP TEMIC 30V 5A SO-8
IC808	0TF941009AA	FET,SI9410DY TP TEMIC 30V 7A SO-8
Q103	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q105	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q106	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q107	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q108	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q111	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q112	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q113	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q114	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q115	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q301	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q302	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q402	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q403	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
Q501	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q502	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q503	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q601	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q602	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q604	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q702	0TR388009BB	TR,KTC3880-Y TP KEC SOT23
Q703	0TR388009BB	TR,KTC3880-Y TP KEC SOT23
Q704	0TR388009BB	TR,KTC3880-Y TP KEC SOT23
Q705	0TR388009BB	TR,KTC3880-Y TP KEC SOT23
Q706	0TR388009BB	TR,KTC3880-Y TP KEC SOT23
Q707	0TR388009BB	TR,KTC3880-Y TP KEC SOT23
Q708	0TR388009BB	TR,KTC3880-Y TP KEC SOT23
Q709	0TR388009BB	TR,KTC3880-Y TP KEC SOT23
Q711	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q712	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q713	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q714	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q715	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q720	0TR102009AG	TR,CHIP KRC102S SOT-23 TP KEC
Q721	0TR102009AG	TR,CHIP KRC102S SOT-23 TP KEC
Q722	0TR102009AG	TR,CHIP KRC102S SOT-23 TP KEC
Q723	0TR102009AG	TR,CHIP KRC102S SOT-23 TP KEC
Q725	0TR102009AG	TR,CHIP KRC102S SOT-23 TP KEC
Q726	0TR102009AG	TR,CHIP KRC102S SOT-23 TP KEC
Q727	0TR102009AG	TR,CHIP KRC102S SOT-23 TP KEC
Q728	0TR102009AG	TR,CHIP KRC102S SOT-23 TP KEC
Q801	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC

CAPACITOR

C101	0CE106DF618	10UF STD 16V M FL TP5
C115	0CE107DF618	100UF STD 16V M FL TP5
C117	0CE107DF618	100UF STD 16V M FL TP5
C120	0CE106DF618	10UF STD 16V M FL TP5
C121	0CE476DF618	47UF STD 16V M FL TP5
C125	0CE106DK618	10UF STD 50V M FL TP5
C127	0CE107DF618	100UF STD 16V M FL TP5
C131	0CE107DF618	100UF STD 16V M FL TP5
C133	0CE226DF618	22UF STD 16V M FL TP5
C134	0CE476DF618	47UF STD 16V M FL TP5
C137	0CE105DK618	1UF STD 50V M FL TP5
C140	0CQ5631N409	0.0560UF 100V J PE TP
C141	0CE106DF618	10UF STD 16V M FL TP5
C146	0CE476DF618	47UF STD 16V M FL TP5
C153	0CE227DF618	220UF STD 16V M FL TP5
C156	0CE227DF618	220UF STD 16V M FL TP5
C211	0CE107DF618	100UF STD 16V M FL TP5
C307	0CK224DF56A	220000PF 2012 16V 10%
C311	0CK224DF56A	220000PF 2012 16V 10%
C317	0CE1053K616	1UF SRE 50V M FL BP(D)
C318	0CE1053K616	1UF SRE 50V M FL BP(D)
C319	0CE1053K616	1UF SRE 50V M FL BP(D)
C320	0CE1053K616	1UF SRE 50V M FL BP(D)
C327	0CK224DF56A	220000PF 2012 16V 10%
C328	0CK224DF56A	220000PF 2012 16V 10%
C329	0CK224DF56A	220000PF 2012 16V 10%
C342	0CK224DF56A	220000PF 2012 16V 10%
C404	0CE227DF618	220UF STD 16V M FL TP5
C409	0CE226DF618	22UF STD 16V M FL TP5
C410	0CE226DF618	22UF STD 16V M FL TP5
C418	0CE225DK618	2.2000UF STD 50V M FL
C586	0CE477DF618	470UF STD 16V M FL TP5
C601	0CE107DF618	100UF STD 16V M FL TP5
C602	0CE107DF618	100UF STD 16V M FL TP5
C613	0CE476DF618	47UF STD 16V M FL TP5
C619	0CE107DF618	100UF STD 16V M FL TP5
C621	0CE106DF618	10UF STD 16V M FL TP5
C622	0CE106DF618	10UF STD 16V M FL TP5
C623	0CE107DF618	100UF STD 16V M FL TP5
C625	0CE335DK618	3.3000UF STD 50V M FL
C628	0CK224DF56A	220000PF 2012 16V 10%
C629	0CK224DF56A	220000PF 2012 16V 10%
C630	0CK224DF56A	220000PF 2012 16V 10%
C631	0CK224DF56A	220000PF 2012 16V 10%
C635	0CE106DF618	10UF STD 16V M FL TP5
C637	0CQ1031N509	0.01U 100V K POLY
C638	0CE225DK618	2.2000UF STD 50V M FL
C639	0CE107DF618	100UF STD 16V M FL TP5
C640	0CE107DF618	100UF STD 16V M FL TP5
C642	0CE107DF618	100UF STD 16V M FL TP5
C643	0CE477DF618	470UF STD 16V M FL TP5
C644	0CE477DF618	470UF STD 16V M FL TP5
C648	0CE477DF618	470UF STD 16V M FL TP5
C649	0CE225DK618	2.2000UF STD 50V M FL
C650	0CE227DF618	220UF STD 16V M FL TP5
C652	0CQ1031N509	0.01U 100V K POLY
C801	0CE337DF618	330UF STD 16V M FL TP5
C804	0CE476DF618	47UF STD 16V M FL TP5
C805	0CE227DF618	220UF STD 16V M FL TP5
C811	0CE107DF618	100UF STD 16V M FL TP5
C812	0CE107DH618	100UF STD 25V M FL TP5
C813	0CE107DF618	100UF STD 16V M FL TP5
C816	0CE475DK618	4.7000UF STD 50V M FL
C819	0CE475DK618	4.7000UF STD 50V M FL
C821	0CE227DF618	220UF STD 16V M FL TP5
C822	0CE227DF618	220UF STD 16V M FL TP5
C823	0CE227DF618	220UF STD 16V M FL TP5
C824	0CE107DF618	100UF STD 16V M FL TP5
C825	0CE476DK618	47UF STD 50V M FL TP5
C826	0CE227DF618	220UF STD 16V M FL TP5

CORE

L101	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L102	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
L103	6210TCE001G	CORE (CIRC),BEAD HH-1M3216-501
L104	6210TCE001G	CORE (CIRC),BEAD HH-1M3216-501
L105	6210TCE001G	CORE (CIRC),BEAD HH-1M3216-501
L202	6210TCE001A	CORE (CIRC),BEAD HB-1S2012-080JT
L401	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L405	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L406	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L407	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L408	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L410	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L411	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L412	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L413	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L502	6210TCE001A	CORE (CIRC),BEAD HB-1S2012-080JT
L503	6210TCE001A	CORE (CIRC),BEAD HB-1S2012-080JT
L511	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L512	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L513	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L514	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L515	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L516	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L517	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L518	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L519	6210TCE001E	CORE (CIRC),BEAD HB-1M2012-800JT
L520	6210TCE001G	CORE (CIRC),BEAD HH-1M3216-501
L601	6210TCE001G	CORE (CIRC),BEAD HH-1M3216-501
L602	6210TCE001G	CORE (CIRC),BEAD HH-1M3216-501
L603	6210TCE001G	CORE (CIRC),BEAD HH-1M3216-501
L604	6210TCE001G	CORE (CIRC),BEAD HH-1M3216-501
L801	6210TCE001G	CORE (CIRC),BEAD HH-1M3216-501
L802	6210TCE001G	CORE (CIRC),BEAD HH-1M3216-501
L803	6210TCE001G	CORE (CIRC),BEAD HH-1M3216-501
L804	6210TCE001G	CORE (CIRC),BEAD HH-1M3216-501
LA501	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA502	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA503	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA504	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA505	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA506	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA507	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA508	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA509	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA510	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA511	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA512	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA513	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA514	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA515	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA516	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA517	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA518	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA519	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600

LOCA. NO	PART NO	DESCRIPTION
LA520	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA521	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA522	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA523	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA524	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
LA525	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
RA507	6210VC0004A	CORE (CIRC),BEAD BK3216 4S600
COIL & TRANSFORMER		
L414	0LA0122K119	INDUCTOR,12UH K
L415	0LA0272K119	INDUCTOR,27UH K
L416	0LA0122K119	INDUCTOR,12UH K
L701	0LA0222K119	INDUCTOR,22UH K
L805	6140VB0004A	COIL,CHOKE 9.5UH 1UEWPHY 13.5TURN
L806	6140VB0004B	COIL,CHOKE 26UH 1UEWPHY 22.5TURN
L807	6140VB0004B	COIL,CHOKE 26UH 1UEWPHY 22.5TURN
T801	6170VTCA30A	TRANSFORMER,EPC 13-Z 320UH DC-DC
RESISTOR		
R443	0RD1200H609	120 1/2W 5% TA52
R444	0RD1200H609	120 1/2W 5% TA52
CRYSTAL & FILTER		
T101	166-C06B	FILTER(CIRC),TRAP MKT41.4MA110P-TF01
X101	156-A01L	CRYSTAL,STANDARD HC49U 6.000MHZ 30
X301	6202VDB007B	CRYSTAL,STANDARD HC49U 20.250MHZ 3
X501	6202VDT002B	CRYSTAL,STANDARD SX-1SMD 14.318MHZ
X601	156-A02M	CRYSTAL,STANDARD HC49U 18.432MHZ
ACCESSORIES		
A1	3828VA0222J	MANUAL,OWNERS MF004A FS LG FR 044L
A2	6710V00044L	REMOTE CONTROLLER ,W/TXT 34KEY .
A4	6634VBW002C	ADAPTER,AC-DC AC110V DC12V UL/CSA/J
MISCELLANEOUS		
	6631V00006C	CONNECTOR ASSY,21P 160MM
	6631V10001A	CONNECTOR ASSY,10P 100MM
	6631V25016G	CONNECTOR ASSY,3P 150MM
	6631V25016K	CONNECTOR ASSY,4P 400MM
	6866VA9001A	SIGNAL CABLE,2990-9C,AT,L1830
P001B	6631V20014C	CONNECTOR ASSY,12P 200MM
PA001	6726VV0006D	PRE-AMP,TSOP4838ON1 TEMIC 38.0KHZ
J401	6630VGA001B	CONNECTOR (CIRC),68114-1522 15PIN
J402	381-091A	SOCKET,S-091A 21PIN H
J403	6613V00008A	JACK ASSY,PMJ014A
J801	6612VAH001A	JACK,AC/DC POWER HEC3900-010110
SP701	6908VB0001A	BUZZER,PIEZO ELECTRIC PKM13EPY-4002
TU301	6700VPF014B	TUNER,TAFC-M130D
"	6700VPF014C	TUNER,TAFC-S120D
X502	166-E02F	RESONATOR,CSB500F9 MURATA 500KHZ

< LCD TV System Block Diagram >